

Deepwater Horizon SITREP

05/14/2010 0600 - 05/14/2010 1900

Division: Chalmette, St. Bernard Parish LA

Monitoring Locations: 3 Air Monitoring/Sampling Locations, monitoring continues.

1. C02 - located at Fire Station number 8, Poydras LA - 29.86609N. -89.89108W
2. C04 – located at Fire Station on Aycock St in Chalmette, LA - 29.96082, -90.00132
3. C05 – located at Fire Station number 11, Hopedale, LA, - 29.84049, -89.68980

Air Monitoring Equipment: Each location has 5 pieces of air equipment (3 back up AreaRaes, and 1 DataRam).

1. DataRam - monitoring particulate matter
2. AreaRae - monitoring VOCs
3. PQ200 - samples for PM2.5
4. Suma Canister per location - sample for VOCs
5. EBAM – monitoring particulate matter

Samples Collected:

- 6 – Water
- 6 – Sediment
- 6 – Toxicity
- 6 – Suma Canisters (VOCs)
- 3– Filters (24-hour 2.5 particulate)

Air Sampling/Monitoring Operations Team:

- Hourly average monitoring data through approximately 2200 05/13/2010 has been published to SCRIBE at 1200 5/14/2010. EBAM data from C05 was only published through 1300 5/13/2010, due to the lack of cellular reception. A data manager will travel to site to collect the data manually.
- Sample location information will be published for 5/14/2010 at approximately 2000 05/14/2010.
- 3 monitoring locations were checked at approximately 1.5-2 hour intervals beginning at 0600 this operational period.
 - AreaRAEs/MultiRae instruments reported 0 VOC exceedances.
 - Data Ram instruments reported 0 particulate exceedances
 - EBAM instruments reported 0 particulate exceedances
- Additional equipment has been implemented to conduct Benzene monitoring if the VOC levels exceed the 10 PPM action level.
- 6 Suma canisters (for VOCs) were collected during this operational period to be shipped to the contracted laboratory for analysis.
- 8 Hour Suma canister regulators were replaced with 24 hour regulators during this reporting period.
- 3 Filters were collected from PQ200 samplers during 05/14/2010 1400-1900 operations.
- All operations currently nominal.

Water Operations Team:

- On 5/14/10 the Water Operations Team departed from Coco Marina in Cocodrie, LA, and travel west to collect samples from pre-identified locations: NCA10-1317, NCA10-1310, NCA10-1320, NCA10-2317, 0016, and 0017.
- No oiled wildlife was observed as of 1900 05/14/2010.
- No visual oil or odors have been observed as of 1900 05/14/2010.
- Weather conditions were moderate/poor for coastal water operations on 5/14/2010.

- Water operations team is estimating they will collect all of the pre-identified locations by end of day Saturday 5/15/2010, weather permitting. Samples remaining are 0018, 0019, and NCA10-1307.

Current EPA Assets

- Deployed to Chalmette, LA
 - 1 OSC
 - 16 START personnel
 - 1 EPA LRV

Division: Venice, Plaquemines Parish, LA

Air Monitoring Locations:

1. V02 - located at USCG, Venice, LA, 29.25274 N, 89.35750 W
2. V03 - located at Welding Supply Co. in Boothville, LA, 29.31449 N, 89.38433 W
3. V05 - located at Fort Jackson, LA, 29.35699 N, 89.45487 W

Air Monitoring Equipment: Each location has 5 pieces of air equipment:

1. DataRam - monitoring particulate matter
2. AreaRae/MultiRae - monitoring VOCs/H₂S/CO
3. PQ200 - samples for PM 2.5
4. Summa Canister - sample for VOCs
5. EBAM Particulate Monitors have been deployed

Samples collected

- 0 – Water
- 0 – Sediment
- 3 – Summa Canister (VOCs)
- 3 – Filters (24-hour PM 2.5)

Air Sampling Team:

- Hourly average monitoring data through approximately 1000 05/14/2010 was published to SCRIBE at 1147.
- 24-hour air monitoring and sampling continues at the locations above.
- All 3 monitoring locations were last checked at approximately 1700 today.
- MultiRaes/AreaRaes are rotated at each location, and brought in to the MCP for data downloading and charging at approximately 8-hour intervals. DataRams are downloaded in the field. EBAM data is wirelessly transmitted to the MCP.
- Instruments stations V03 and V05 are kept in operation using external rechargeable batteries. Marine batteries have been obtained to extend battery life. Instruments at V02 are on AC power.
- The stations are visited every hour to two hours and the AreaRAEs/MultiRae are read to determine the maximum reading from the last equipment download. This number is relayed back to the Venice CP. No exceedances of action levels were observed.
- 24-hour Summa Canisters were deployed to replace the 8-hour Summa Canisters.

Water Sampling Team:

- Water operations were not conducted on 5/14/2010 due to poor weather conditions.
- Water operations will be conducted on 5/15/2010, weather permitting.

Current EPA Assets

- Deployed to Venice, LA
 - 1 OSC
 - 11 START personnel
 - 1 MCP
 - One EPA Gooseneck Trailer

- One EPA 20 KW Generator